

YUME ESPOIR

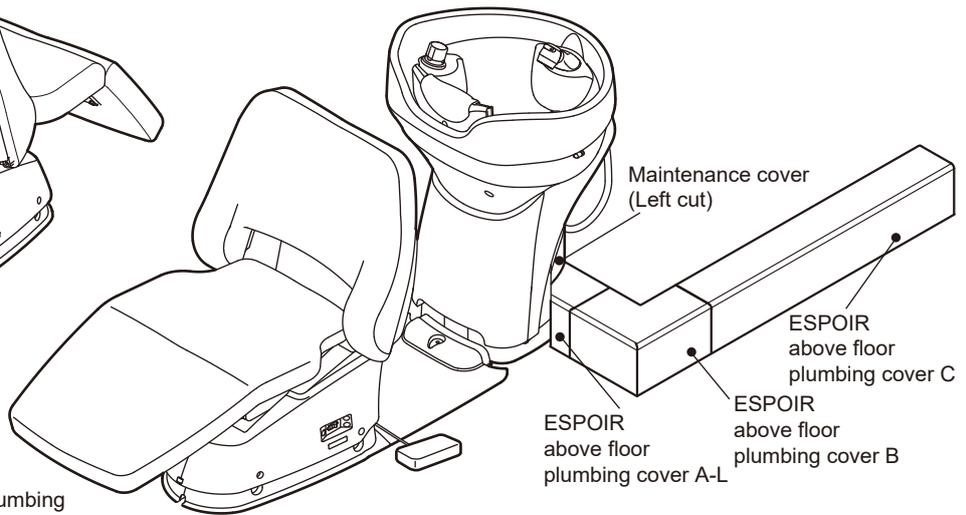
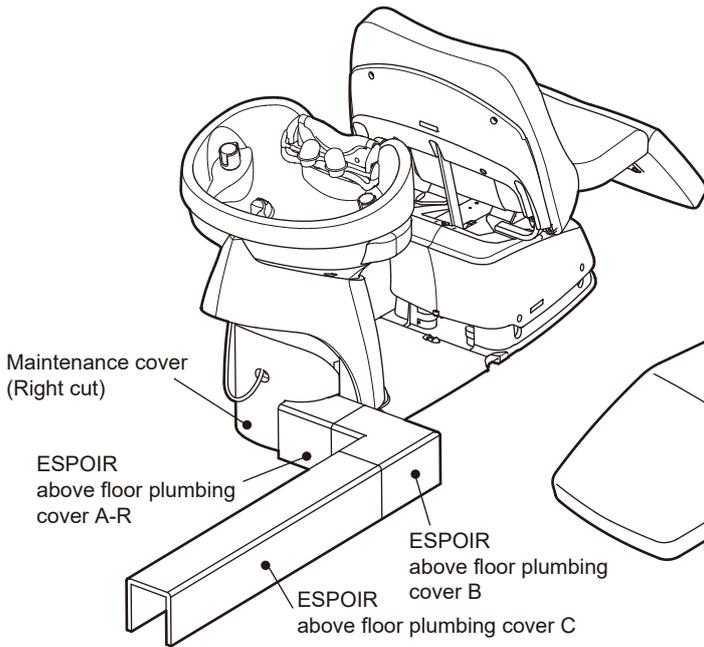
Above floor plumbing Installation Instructions

○ Plumbing kits

- EA-ESPL [ESPOIR above floor plumbing kit - L]
- EA-ESPR [ESPOIR above floor plumbing kit - R]

○ Plumbing covers

- EA-ESPAL [ESPOIR above floor plumbing cover A-L]
- EA-ESPAR [ESPOIR above floor plumbing cover A-R]
- EA-ESPB [ESPOIR above floor plumbing cover B]
- EA-ESPC [ESPOIR above floor plumbing cover C]



(The figure above shows EA-ESPR/EA-ESPAR/EA-ESPB/EA-ESPC.)

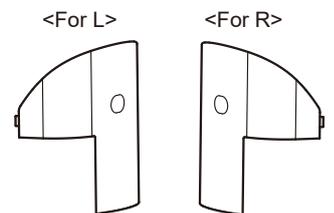
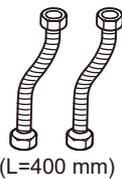
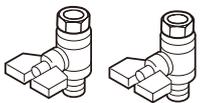
(The figure above shows EA-ESPL/EA-ESPAL/EA-ESPB/EA-ESPC.)

*This instruction manual is a supplementary instruction manual to be used only when above floor plumbing is conducted in the installation of the YUME ESPOIR.
For installation of the main unit, follow the *YUME ESPOIR Installation Instructions*.

■ Contents of package

ESPOIR above floor plumbing kit - L/R

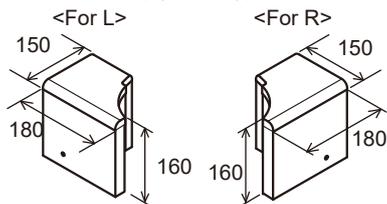
- Stopcock (with nut at one end, two pieces)
- Flexible tube (two pieces)
- Drainpipe (VP40)
- Elbow for draining
- Maintenance cover (cut)



- YUME ESPOIR Above floor plumbing Operating Instructions
- YUME ESPOIR Above floor plumbing Installation Instructions

ESPOIR above floor plumbing cover A-L/R

Material: Lauan plywood type 2



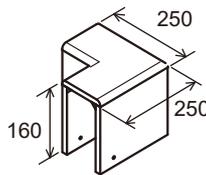
- Floor-anchor fitting (one piece)
- One set of mounting screws



- YUME ESPOIR Above floor plumbing Operating Instructions
- YUME ESPOIR Above floor plumbing Installation Instructions

ESPOIR above floor plumbing cover B

Material: Lauan plywood type 2



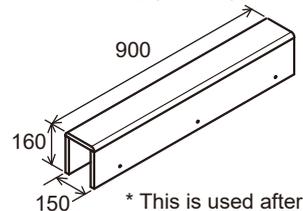
- Floor-anchor fitting (two pieces)
- One set of mounting screws



- YUME ESPOIR Above floor plumbing Operating instructions
- YUME ESPOIR Above floor plumbing Installation Instructions

ESPOIR above floor plumbing cover C

Material: Lauan plywood type 2



- Floor-anchor fitting (three pieces)
- One set of mounting screws



- YUME ESPOIR Above floor plumbing Operating Instructions
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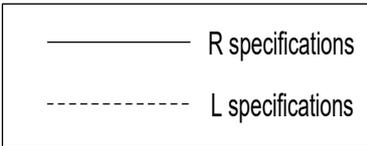
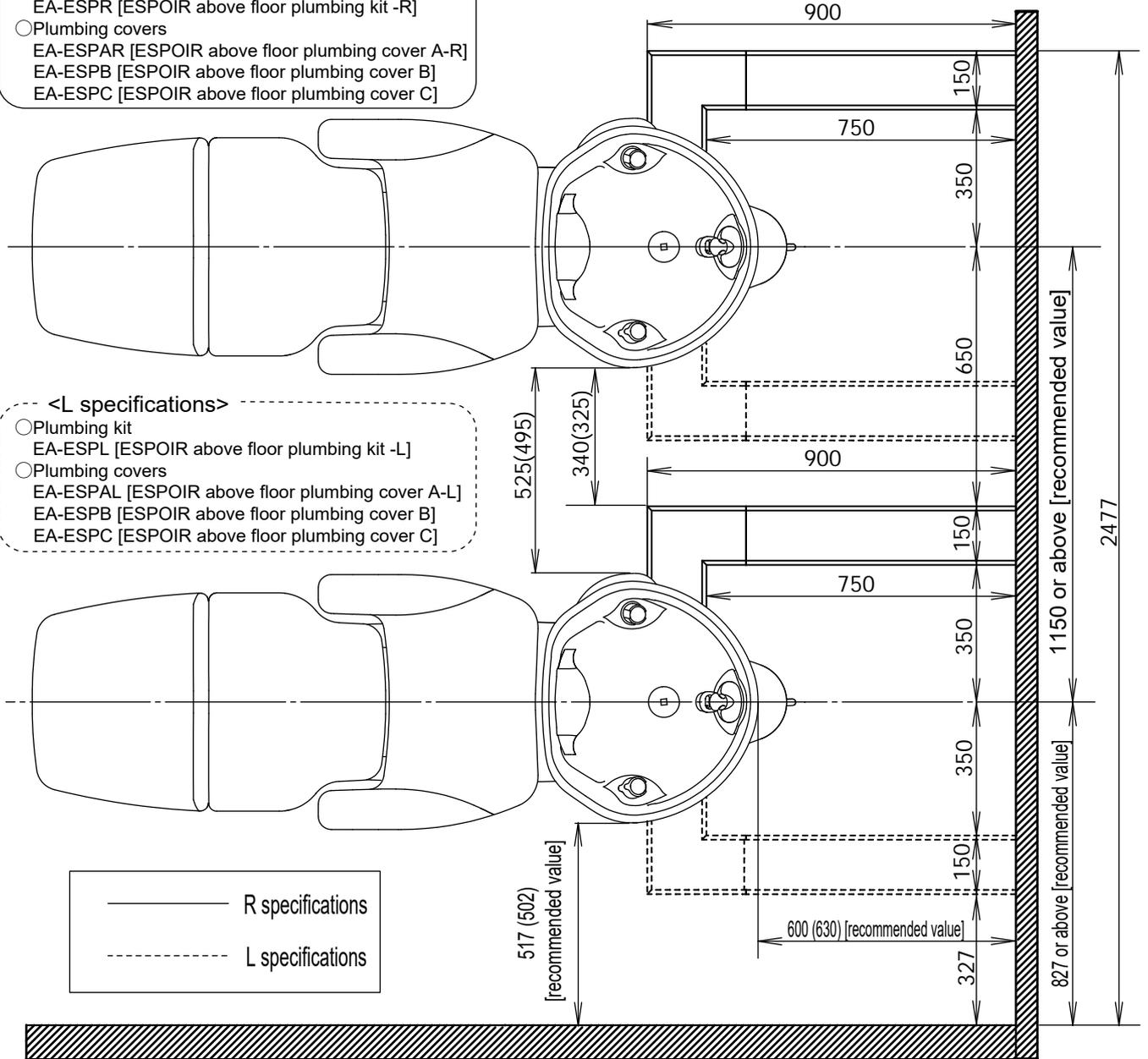
Overall layout drawing * The dimensions in the parentheses apply when the basin body is EX-ESYM [rear (YUME) basin].

<R specifications>

- Plumbing kit
EA-ESPR [ESPOIR above floor plumbing kit -R]
- Plumbing covers
EA-ESPAR [ESPOIR above floor plumbing cover A-R]
EA-ESPB [ESPOIR above floor plumbing cover B]
EA-ESPC [ESPOIR above floor plumbing cover C]

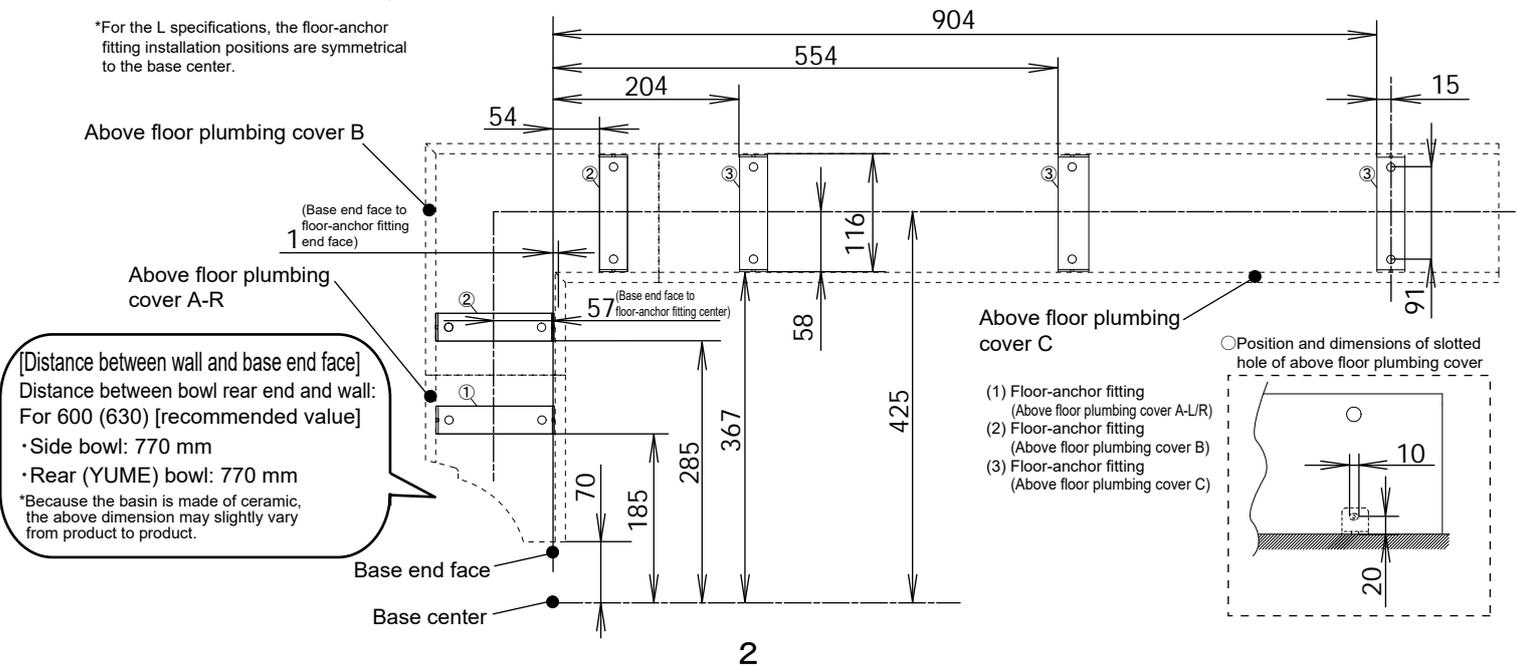
<L specifications>

- Plumbing kit
EA-ESPL [ESPOIR above floor plumbing kit -L]
- Plumbing covers
EA-ESPAL [ESPOIR above floor plumbing cover A-L]
EA-ESPB [ESPOIR above floor plumbing cover B]
EA-ESPC [ESPOIR above floor plumbing cover C]



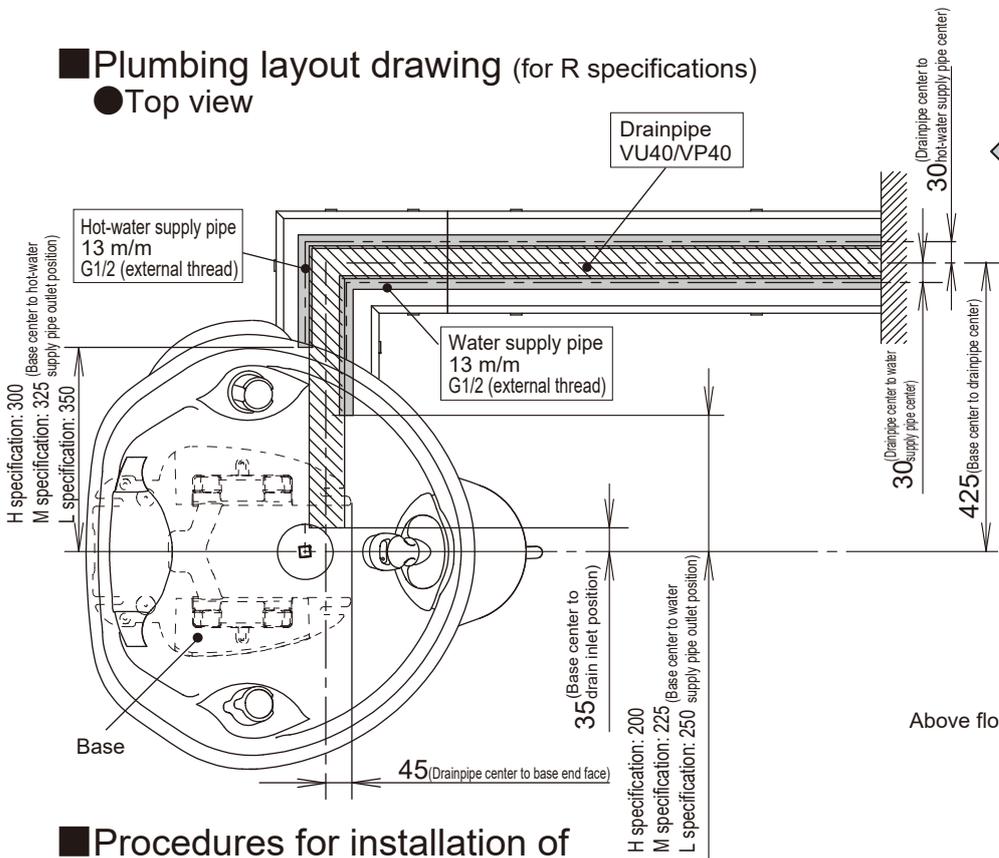
Floor-anchor fitting installation positions (for R specifications)

*For the L specifications, the floor-anchor fitting installation positions are symmetrical to the base center.



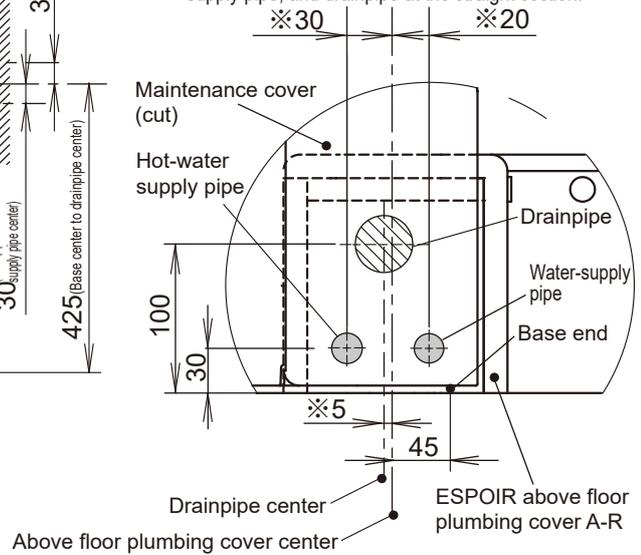
■ Plumbing layout drawing (for R specifications)

● Top view



● Side view

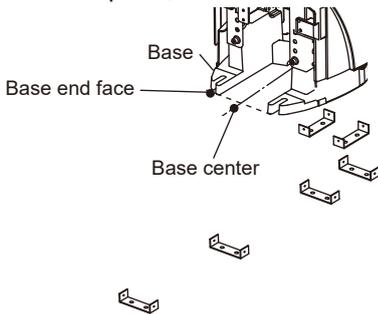
*Note that the drawing below differs from the positional relationship among the water supply pipe, hot-water supply pipe, and drainpipe at the straight section.



Set the drainpipe gradient to 1/50 or higher for a pipe diameter of below $\phi 75$ and 1/100 or higher for a pipe diameter of $\phi 75$ or above.

■ Procedures for installation of above floor plumbing (for R specifications)

- (1) Temporarily place the floor-anchor fittings on the floor by referring to "Floor-anchor fitting installation positions." At this point, determine the floor-anchor fitting positions with reference to the base center and base end face.

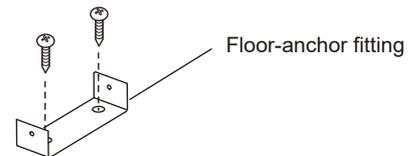


*When the above floor plumbing cover C is cut and then used, the number of floor-anchor fittings to be used varies.

⚠ CAUTION

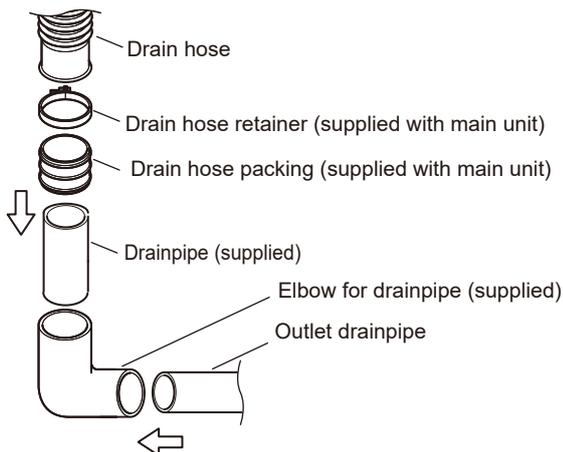
After temporarily placing the floor-anchor fittings on the floor, be sure to install the above floor plumbing covers (A, B, and C) and the maintenance cover (cut) and check the installation positions. If the covers are not installed, check "Floor-anchor fitting installation positions."

- (2) Secure the floor-anchor fittings to the floor by screws. When the floor is concrete, use carl plugs. (5×30 tapping screw, two pieces).
- (3) Install the water supply, hot-water supply, and drainpipes on the floor. In their installation, refer to "Piping layout drawing."



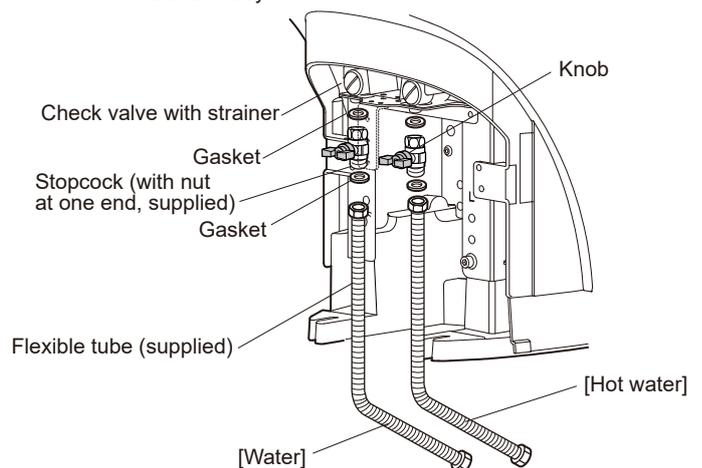
- (4) Install the drainpipe (supplied), elbow for drainpipe, and outlet drainpipe.

*To install the drainpipe (supplied), elbow for drainpipe, and outlet drainpipe, be sure to use adhesive (polyvinyl chloride).



- (5) Install the flexible tubes and the stopcocks as shown in the figure below.

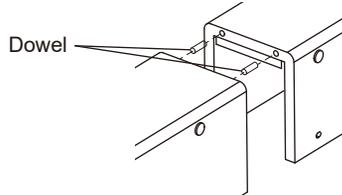
*Set the knobs of the stopcocks on the side opposite to the chair body.



(6) When the plumbing has finished, perform the procedures in section 3 “Check after installation (1. Water conduction test, 2. Cleaning)” in the *YUME ESPOIR Installation Instructions*.

(7) Cut the above floor plumbing cover C in accordance with the basin body installation position.

(8) Attach dowels to each connection part of the above floor plumbing covers (A, B, and C) and then connect between covers. (Two pieces of dowel per connection part)



(9) Put the connected above floor plumbing covers (A, B, and C) on the floor-anchor fittings and then check the following.

1. Check whether the above floor plumbing cover A makes contact with the maintenance cover (cut) or whether there is a large clearance.
2. Check whether there is any large clearance at the connection parts of the above floor plumbing covers (A, B, and C).
3. Check whether the above floor plumbing covers (A, B, and C) are secured to the floor-anchor fittings with screws.

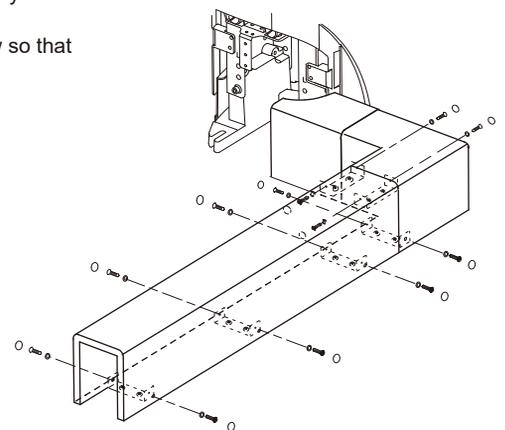
Should the above floor plumbing covers (A, B, and C) be not able to be installed, check “Floor-anchor fitting installation positions” again.

*As the screw holes of the above floor plumbing covers (A, B, and C), slotted holes are employed so that fine adjustment of the anchor position can be made.

*The size of the anchor holes for floor-anchor fittings is made larger than the mounting screw so that fine adjustment of the anchor position can be made.

(10) After conducting the inspection, secure the above floor plumbing covers (A, B, and C) with screws. (Two M4 × 25 screws and two washers (φ4) per floor-anchor fitting) When tightening of the screws has finished, put the supplied black caps on the screw heads.

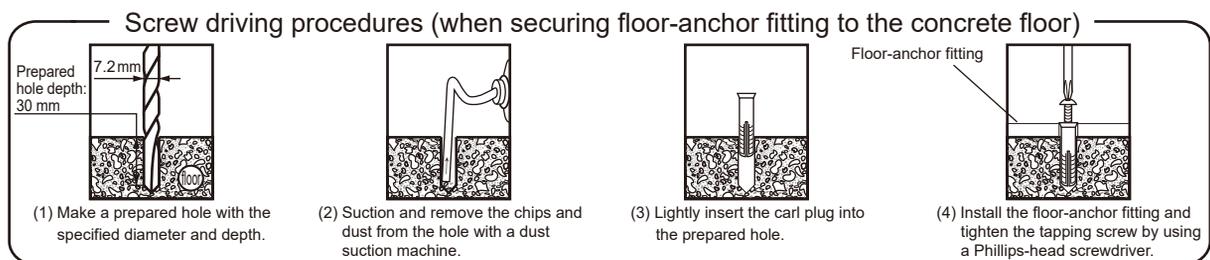
*The black caps are supplied to hide the screw heads.



(11) Conduct caulking at the clearance between the above floor plumbing covers (A, B, and C) and the floor.

*Never fail to conduct caulking. Failure to follow this instruction may cause water to enter the above floor plumbing cover, possibly leading to corrosion of the above floor plumbing covers and the floor.

(12) By referring to section 3 “Check after installation (3. Installation of maintenance cover)” of the *YUME ESPOIR Installation Instructions*, install the maintenance cover (cut). Then, proceed with the work by following 4 “Installation of chair body” onwards.



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